



## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: November 20, 2007

ATTY DOCKET NO.  
2004\_0200SERIAL NO.  
10/772,467APPLICANT  
Edwin SOUTHERNFILING DATE  
February 6, 2004GROUP  
1645

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,348,855	9/1994	Dattagupta et al.			
	AB	4,888,278	12/1989	Singer et al.			
	AC	4,994,373	2/1991	Stavrianopoulos et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	0 373 203	8/1994	EP			
	AK						
	AL						
	AM						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	Decision of 12 October 2005 by the Boards of Appeal of the European Patent Office with respect to EP 0 373 203 B1.
	AO	Saiki R.K. et al. in Proceedings of the National Academy of Science U.S.A. Volume 86, pp. 6230-6234 entitled Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes.
	AP	Request for Reexam of USP 6,054,270, Office Action dated 8/24/07 and Applicant's Response in Ex parte Reexamination Control No. 90/008,428.
	AQ	Memorandum Opinion by U.S. District Court in Oxford Gene Technology v. Mergen Limited et al., Civil Action No. 02-1695, September 29, 2004.

EXAMINER

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			APPLICANT Edwin SOUTHERN				
			FILING DATE February 6, 2004	GROUP 1645			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,981,783	1/1991	Augenlicht			
	BB	4,731,325	3/1988	Palva et al.			
	BC	5,348,855	9/1994	Dattagupta et al.			
	BD	4,883,579	11/1989	Humphries et al.			
	BE	4,994,373	2/1991	Stavrianopoulos et al.			
	BF	5,126,276	6/1992	Fish et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	BG	83/01459	4/1983	WO			
	BH	0235726	9/1987	EP			
	BI	0171150	2/1986	EP			
	BJ						
	BK						
OTHER DOCUMENT(S) <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	BL	J. Kremsky et al., "Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus", Journal IRL Press Limited, Oxford, England, Vol. 15, Issue 7, pp. 2891-2909, 1987.					
	BM	A. F. Cook et al., "Synthesis and Hybridization of a series of biotinylated oligonucleotides", Journal IRL Press Limited, Oxford, England, Vol. 16, Issue 9, pp. 4077-4095, 1988.					
	BN	G. K. Sim et al., "Use of a cDNA library for studies on evolution and developmental expression of the chorion multigene families", Journal MIT (US), Vol. 18, pp. 1303-1316, 1979.					
	BO	R. Polsky-Cynkin et al., "Use of DNA immobilized on plastic and agarose supports to detect DNA by sandwich hybridization", Journal Clinical Chemistry (US), Vol. 31, Issue 9, pp. 1438-1443, 1985.					
	BP	Renewed Request for Reexam of USP 6,054,270 in Ex parte Reexamination Control No. 90/010,020.					
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	4,483,964	11/1984	Urdea et al.			
	CB	4,877,745	10/1989	Hayes et al.			
	CC	5,348,855	9/1994	Dattagupta et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	CD	90/15070	12/1990	WO			
	CE	84/03564	9/1984	WO			
	CF	86/00991	2/1986	WO			
	CG	0063810	11/1982	EP			

OTHER DOCUMENT(S) *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CH	R. K. Saiki et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes", PNAS, U.S.A., Vol. 86, pp. 6230-6234, 1989.
	CI	I. Labat et al., Research Report for the University of Belgrade College of Natural Sciences and Mathematics, 1988 (Serb-Croat and partial English translation).
	CJ	Request for Reexamination of USP 6,054,270 and PTO Order granting Reexam in Ex parte Reexamination Control No. 90/008,830.
	CK	Declaration of Edwin Southern, 1/16/89.
	CL	Declaration of Edwin Southern, 12/7/2001.
	CM	Declaration of Glen McGall, 1/13/199.
	CN	Declaration of Calvin Quade, 1/9/1999.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	DG	85/01051	3/1985	WO			
	DH						
	DI						
	DJ						
	DK						
OTHER DOCUMENT(S) ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )							
	DL	Bains et al., "A novel method for nucleic acid sequence determination"; J. Theor. Biol., 1988, Vol. 135, pp. 303-307.					
	DM	Urdea et al., "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis of hepatitis B virus in human serum", Gene, 1987, Vol. 61, pp. 253-264.					
	DN	Request for Reexam of USP 5,700,637, and PTO Order granting Reexam in Ex parte Reexamination Control No. 90/008,844.					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	4,458,066	7/1984	Caruthers			
	EB						
	EC						
	ED						
	EE						
	EF						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	EG						
	EH						
	EI						
OTHER DOCUMENT(S) ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )							
	EJ	W. Bannwarth et al., "A system for the simultaneous chemical synthesis of different DNA fragments on solid support", DNA, October 1986, Vol. 5, No. 5, pp. 413-419.					
	EK	Applied Biosystems Model 380B DNA Synthesizer Version 1.0 User's Manual (the Synthesizer manual).					
	EL	Markman ruling from Oxford Gene Technology v. Affymetrix Corporation.					
	EM	Request for Reexam of USP 5,700,637 and Office Action issued 10/24/07 in Ex parte Reexamination Control No. 90/008,429.					
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA	4,883,579	11/1989	Humphries et al.			
	FB	4,963,815	10/1990	Hafeman			
	FC	4,591,550	5/1986	Hafeman et al.			
	FD	5,126,276	6/1992	Fish et al.			
	FE	4,737,464	4/1988	McConnell et al.			
	FF	4,703,008	10/1987	Lin			
	FG	4,731,325	3/1988	Palva et al.			
	FH	4,789,630	12/1988	Bloch et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	FI	2 197 720	5/1988	GB			
	FJ						

OTHER DOCUMENT(S) *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	FK	A. F. Cook et al., "Synthesis and hybridization of a series of biotinylated oligonucleotides", Nucleic Acids Research, Vol. 16, No. 9, pp. 4077-4095, 1988.
	FL	M. S. Urdea et al., "A comparison of non-radioisotopic hybridization assay methods using fluorescent, chemiluminescent and enzyme labeled synthetic oligodeoxyribonucleotide probes", Nucleic Acids Research, Vol. 16, No. 11, pp. 4937-4956, 1988.
	FM	Copy of Declaratory Judgment Action filed by Autogenomics against Oxford Gene Technology Limited in the United States District Court for the Central District of California against USP 6,054,270.
	FN	
	FO	

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